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PCT International Application

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WHAT IS CLAIMED IS:

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1. A pedal support for a vehicle, comprising: a bracket (9) which is secured in a bulkhead disposed in the vehicle between the passenger compartment of the vehicle and the engine room; a shaft (3) which is secured in the bracket and is horizontal and transversely directed in relation to the direction of travel of the vehicle, about which a pedal arm (2) provided with a footplate (23) is pivotal; an operating device (22) which is secured in the pedal arm (2) a distance from the shaft and which is disposed for activation or control of a vehicular function, for example a braking function, the shaft (3) being movably disposed in the direction of travel of the vehicle and having a normal position locked by means of a locking device (13) and the locking device being, in the event of a collision, openable so as to permit displacement of the shaft (3) to a safety position where the footplate (23) is moved away from the legs/feet of the vehicle driver, but where the function of the operating device (22) is at least partly retained, characterised in that the shaft (3) is disposed on a slide (28) which is slidable in a guide (29) secured in the bracket.

2. The pedal support as claimed in Claim 1, characterised in that the slide (28) is, in the normal operational position, inserted forwardly in the guide (29).

3. The pedal support as claimed in Claims 1 and 2, characterised in that the slide (28) is, in the safety position, displaced rearwardly, partly out of the guide (29).

4. The pedal support as claimed in any of Claims 1 to 3, characterised in that an arrest member (30) is disposed in the guide (29) for limiting of the movement of the shaft (3) rearwardly past the safety position.

5. The pedal support as claimed in Claim 4, characterised in that the arrest member (30) includes pins which extend inwards in the guide (29) and which are intended to cooperate with projecting pins on the slide (28).

6. The pedal support as claimed in any of Claims 1 to 5, characterised in that a spring means is disposed against the slide (28) with a view to displacing the slide when the locking device (13) is triggered.

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7. The pedal support as claimed in any of Claims 1 to 6, characterised in that the locking device (13) is disposed in the guide (29).

8. The pedal support as claimed in any of Claims 1 to 7, characterised in that the locking device (13) is a spring lock.

9. The pedal support as claimed in any of Claims 1 to 8, characterised in that triggering of the locking device (13) is initiated by an impulse from a sensor disposed in the vehicle.

10. The pedal support as claimed in any of Claims 1 to 9, characterised in that triggering of the locking device (13) is initiated by a relative movement between an actuator and a part in the vehicle.

11. The pedal support as claimed in Claim 10, characterised in that the relative movement is transferred to the locking device (13) with the aid of mechanical means.

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